Datasheet for ABIN390677

anti-PRAME antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	PRAME
Binding Specificity:	AA 476-502, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRAME antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAPE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 476-502 amino acids from the C-terminal region of human MAPE.
Clone:	RB18763
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PRAME
Alternative Name:	MAPE (PRAME Products)

Target Details

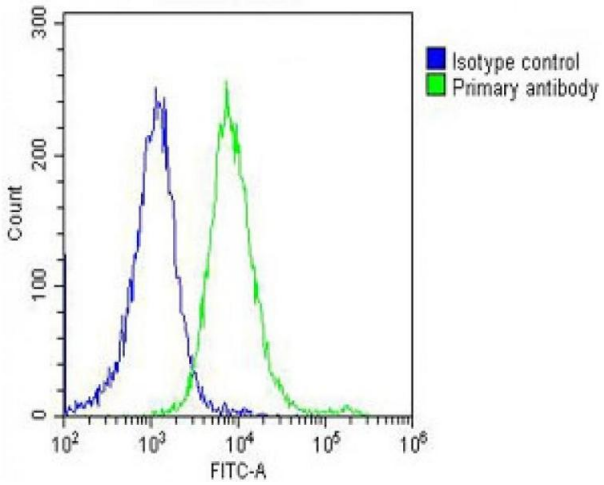
Background:	MAPE is an antigen that is predominantly expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. This expression pattern is similar to that of other CT antigens, such as MAGE, BAGE and GAGE. However, unlike these other CT antigens, its gene is also expressed in acute leukemias.
Molecular Weight:	57890
Gene ID:	23532
NCBI Accession:	NP_006106, NP_996836, NP_996837, NP_996838, NP_996839
UniProt:	P78395
Pathways:	Retinoic Acid Receptor Signaling Pathway, Nuclear Hormone Receptor Binding

Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:50~100. FC: 1:25
Restrictions:	For Research Use only

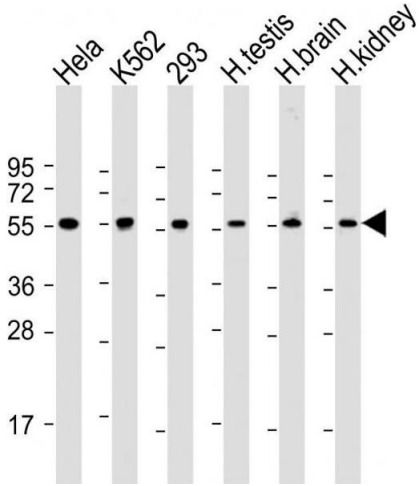
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



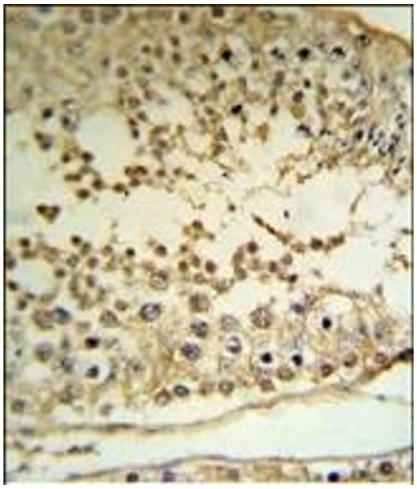
Flow Cytometry

Image 1. Overlay histogram showing Hela cells stained with (ABIN390677 and ABIN2840972) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN390677 and ABIN2840972), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.



Western Blotting

Image 2. All lanes : Anti-PE Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: K562 whole cell lysate Lane 3: 293 whole cell lysate Lane 4: hun testis lysate Lane 5: hun brain lysate Lane 6: hun kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. PE Antibody (C-term) (R) IHC analysis in forlin fixed and paraffin embedded hun testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PE Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.